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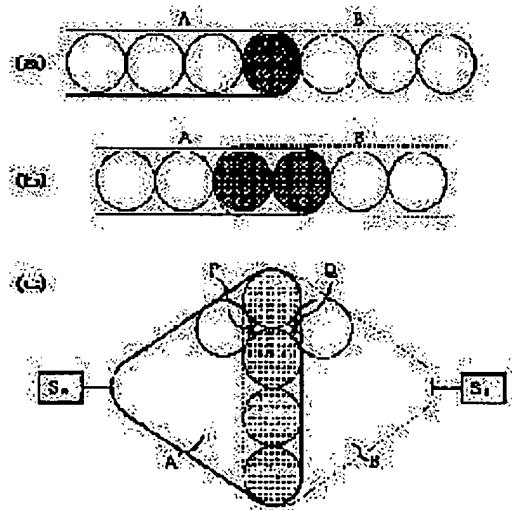
(54) ZONE CONFIGURATION METHOD FOR MOBILE COMMUNICATION SYSTEM EMPLOYING SPREAD SPECTRUM TRANSMISSION SYSTEM

(57)Abstract:

PURPOSE: To eliminate the need for a connection wire between adjacent base stations by making partially each zone corresponding to each base station formed by plural reception antennas in duplicate so as to suppress the increase in a level fluctuation when a mobile equipment stays around a zone.

CONSTITUTION: A border between adjacent zones is substantially eliminated by making partially zones relevant to each base station formed by plural reception antennas in duplicate and plural antennas cover the surrounding of the mobile equipment in any zone at all times. Figure (a) indicates a state that one sub zone at a tip of the zones is in duplicate with two zones A, B formed in a line respectively. Figure (b) shows that two sub zones are similarly arranged in duplicate.

Furthermore, the sub zone in duplicate signifies in general duplication of antennas of the zones A and B and a ratio of a communication capacity with respect to the installation cost is reduced. Figure (c) depicts that sub zones are arranged in duplicate in one line along a border area of the in 2- dimensionally formed two zones.



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